

## About the Performers

Since 1982 Todd Victor and Lizette Guy have been together entertaining families, first as jugglers and physical comedians performing throughout the world. They have now combined their theater skills with their love of science and teaching to create this fun filled science show.

Lizette Guy (Dr.Knowitall) started her performing career at the age of 6 in a Hollywood movie, "So This Is Paris." She has been performing as a juggler doing comedy shows for children and their families with the Jest In Time Circus for over 20 years. Her French Canadian background has been influential in creating her strong zany character. She has a Bachelor of Arts in Psychology and a minor in Expressive Arts and a Masters Degree in Counseling from the University of San Francisco. Along with Lizette's creativity in theater, she is a avid expressive arts painter, photographer and writer. She also facilitates Creative Conflict Resolution workshops in jails.

I know deep in my heart that I am a success when a child comes up after the show, shakes my hand and says, "you're funny and smart".



Professor Smart is performed by Todd Victor: physical comedian and juggler with Jest In Time Circus. He has performed in 14 different countries and continues to perform at schools, fairs and festivals throughout the United States.

His fascination with how things work and his love of comedy helps get kids excited about the sciences. He has carefully studied many scientific concepts with the help of many teachers, and scientists. He and his partner Lizette Guy have written and developed this fun science show.

Todd grew up in a family of ten on a farm in Connecticut. He left to study Fine Arts in New York City. He has been studying and performing mime, juggling, and physical comedy since 1980. He graduated with a Bachelor of Fun Arts from Ringling Brothers Barnum & Bailey Clown College. Todd is a chosen member of Marin's Youth 'n Arts, Performing Arts Roster. He has been an artist/teacher for the William James Prison Arts Project. Todd loves performing, teaching, computers, inventing, juggling, tennis, table tennis, creating one of a kind props for fun-filled shows, and he loves his wife, Lizette.

Science Advisor, Ben Mathesen PhD

Directed by Steve Smith and Michael O'Neil

Original Music by Shoe Horn, Jeff Junkinsmith, Richard Allen

Bookings considerations: Harmony Artists Inc. (323) 655-50074

# THE Let's Go Science Show



**A wacky look at how things work!**

**[www.letsgoscienceshow.com](http://www.letsgoscienceshow.com)**

Suggestions and comments are always welcome from all ages:

**Write to the Professor Smart and Dr. Knowitall at**  
**[todd@jestintime.com](mailto:todd@jestintime.com) or [lizette@jestintime.com](mailto:lizette@jestintime.com)**

Get ready to have some fun learning about science!

During show PLEASE turn off cel phones off, no texting, try not to talk to your neighbor during show, sorry no video taping or flash photography. THANK YOU!

### The Let's Go Science Show Line Up

- 1) Welcome Professor Smart & Ms. Knowitall
- 2) States of Matter
- 3) Giving Way for Gravity
- 4) Amazing Air Pressure
- 5) Wonderful Wings
- 6) Go Go Gyroscopes
- 7) Levers and Fulcrums
- 8) Shocking Static Electricity
- 9) Awesome Optical Illusion
- 10) Fun with Physics Finale



### Vocabulary:

**Solid:** The state in which a substance has a definite shape and volume. Examples: metals, wood, and soil.

**Liquid:** The state in which a substance has a definite volume but takes the shape of the container it is in. Examples: water, milk, and oil.

**Gas:** The state in which a substance has no definite shape or volume. Examples: air, helium, and natural gas.

**Gravity:** The force of attraction between masses. Example an apple falling to the ground.

**Weight:** A measure of the pull of gravity on a body. Example the weight of a person or any substance.

**Force:** A push or pull.

**Energy:** The ability to do work, power. An examples of dynamic energy: a train rolling down the tracks, potential energy: a sling shot pulled back and about to be let go.

**Lever:** A simple machine consisting of a rigid bar pivoted on a fixed point (fulcrum) and used to transmit force.

**Compression:** To make more compact by or as if by pressing. High Air Pressure is Compressed Air

**Attract:** To draw to oneself or an object

**Repel:** To push or force away

**Experiment:** An action taken to discover something not yet known or prove something that is known.

**Hypothesis:** A proposition to explain certain facts. For Example: My hypothesis is = "I think this is WHAT will happen."

**Theory:** With the backing of facts the explanation of WHY something happens.

### Physics Terms to Research:

- suspend • surface area
- mass • electron
- scientific method • research techniques
- air resistance • flight theory
- lift • drag
- quantify • atmosphere
- equalize • friction
- inertia • illusion
- string theory • gyros
- elements • periodic table
- vacuum •



For complete study materials for the Let's Go Science Show go to [www.letsgoscienceshow.com](http://www.letsgoscienceshow.com) We have lots of science projects for students of all ages. Kids look under: "study materials" for things you can do!" Please BE SAFE and ask for help from an adult if needed!

### Questions for my teachers:

This black and white disc is an optical illusion. If you hold this paper in your hand and move it in a small circular motion about 2" in diameter you will see a grey disc appear in the middle of the black and white disc. What we see isn't always there!

